

Claims

1. A method for filling a box with a number of flexible bags, comprising
 - providing a first linear group of equally spaced bags on a first surface,
 - 5 - engaging each of said bags of said group by suction with a transferral means,
 - lifting said group of bags from said first surface, followed by horizontally displacing said group of bags from said first surface, after which said group of bags is lowered in a first position in a cassette,
 - 10 providing a second linear group on said first surface transferring said second linear group into said cassette by placing said second group horizontally adjacent to said first group,
 - providing a third linear group on said first surface, transferring said third linear group and placing said group vertically on top of said first or second linear group in said cassette,
 - 15 - filling said cassette by further groups of bags, horizontally displacing the plurality of bags, after filling said cassette, from said cassette into a box having its opening in lateral direction.
2. The method according to claim 1, wherein said groups comprise different bags.
- 20 3. The method according to claim 1, wherein during transferral from said first surface to said cassette the spacing of the bags in a group is changed.
4. The method according to claim 1, wherein providing said group of bags comprises supply of individual bags to a conveyor on which said first group is assembled.
- 25 5. An assembly comprising a first conveyor for supplying bags, a second conveyor adjacent to said first conveyor and having means to equally space a group of bags on a first surface thereof, cassette means for receiving groups of bags, said means being adjacent to said first surface, transferral means for transferring a group of bags from said first surface to said cassette means, said cassette means defining a parallel piped shaped cavity for receiving said group of bags, having a closable insertion opening at

its top, a stationary bottom, two opposed stationary side walls and two displaceable side walls, one of said displaceable side walls comprising a pusher plate for transferring said group into a box and the other of said displaceable walls being displaceable to allow passage of said group of bags from said cassette into a box.

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6. The assembly according to claim 5, wherein said transferral means comprise vacuum engagement means.
7. The assembly according to claim 5, wherein said transferral means have engagement means for each of said bags, said engagement means being displaceable relative to each other.
8. The assembly according to claim 5, wherein said second conveyor is substantially perpendicular to said first conveyor.